

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3096151

|                                                                                                                                                                                                 |                                |  |                       |
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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                 |  |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                     |  |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                |  |                       |
| <b>Name</b>                                                                                                                                                                                     |                                |  | <b>Execution Date</b> |
| INNOCRIN PHARMACEUTICALS, INC.                                                                                                                                                                  |                                |  | 10/13/2014            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                |  |                       |
| <b>Name:</b>                                                                                                                                                                                    | VPS-1, INC.                    |  |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 4505 EMPEROR BLVD.             |  |                       |
| <b>Internal Address:</b>                                                                                                                                                                        | SUITE 300                      |  |                       |
| <b>City:</b>                                                                                                                                                                                    | DURHAM                         |  |                       |
| <b>State/Country:</b>                                                                                                                                                                           | NORTH CAROLINA                 |  |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 27703                          |  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                |  |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                  |  |                       |
| <b>Patent Number:</b>                                                                                                                                                                           | 8796001                        |  |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                |  |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (561)655-8719                  |  |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                |  |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 5618337700                     |  |                       |
| <b>Email:</b>                                                                                                                                                                                   | cnicholson@edwardswildman.com  |  |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | EDWARDS WILDMAN PALMER LLP     |  |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 525 OKEECHOBEE BLVD.           |  |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 1600                     |  |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | WEST PALM BEACH, FLORIDA 33401 |  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 86667(305005)                  |  |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JEFFREY D. HSI                 |  |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Jeffrey D. Hsi/               |  |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 11/05/2014                     |  |                       |
| <b>Total Attachments: 13</b>                                                                                                                                                                    |                                |  |                       |
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PATENT ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Innocrin Pharmaceuticals, Inc. (formerly Viamet Pharmaceuticals, Inc.), a Delaware corporation ("Assignor"), hereby assigns to VPS-1, Inc., a Delaware corporation having a place of business at 4505 Emperor Blvd., Suite 300, Durham, NC 27703 ("Assignee"), all of Assignor's right, title and interest in and to the below-identified patents and patent applications, including but not limited to corresponding non-provisional/utility, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application(s) and such patents and counterparts thereof in any country of the world ("Patent Rights"), including all rights to sue for past infringement, the same to be held and enjoyed by Assignee, its successors and assigns, in and throughout the United States of America, its territories and possessions and all foreign countries, including but not limited to all of Assignor's right, title and interest in and to the invention(s) described in said Patent Rights and in such letters patent as may issue from patent applications included within the Patent Rights; said Patent Rights to be held and enjoyed by said Assignee for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patents may be granted as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. Assignor hereby conveys all of Assignor's rights arising under or pursuant to any and all U.S. laws and international agreements, treaties and laws relating to the protection of industrial property by the filing of any such application(s) within the Patent Rights, including but not limited to any cause(s) of action and damages accruing prior to this assignment. Assignor hereby acknowledges that this assignment, being of Assignor's entire right, title and interest in and to said invention(s), carries with it the right in Assignee to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of Assignee's selection and the right to procure the grant of all letters patent to Assignee in its own name as assignee of Assignor's entire right, title and interest therein;

AND, Assignor hereby further agrees for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary or desirable to secure more fully the aforesaid assignment of Patent Rights and invention(s) to said Assignee, its successors, assigns, and legal representatives, including the execution of corresponding non-provisional/utility, substitution, continuation, divisional, reissue, reexamination, extension and corresponding foreign or international patent applications;

AND, Assignor hereby further agrees to provide factual statements or testimony in any interference, reissue, reexamination, inter partes review, post grant review or any other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, Assignor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon applications included within the Patent Rights, or applications based thereon, to said Assignee, its successors, assigns, or legal representatives;

| Pending | Allowed | Issued | Program | EW Matter No. | ASB Matter No. | App. No./ Patent No. | Issue Date        | Title                             | Status     |
|---------|---------|--------|---------|---------------|----------------|----------------------|-------------------|-----------------------------------|------------|
| n       | n       | y      | CYP51   | 86240US       | NA             | 8,236,962            | August 7, 2012    | Metalloenzyme Inhibitor Compounds | Issued     |
| y       | n       | n      | CYP51   | 86240AU       | NA             | 2011242562           |                   | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | CYP51   | 86240BR       | NA             | 1120120273086        |                   | Metalloenzyme Inhibitor Compounds | National   |
| n       | n       | y      | CYP51   | 86240CA       | NA             | 2,792,950            | February 11, 2014 | Metalloenzyme Inhibitor Compounds | Issued     |
| y       | n       | n      | CYP51   | 86240CN       | NA             | 201180030668.5       |                   | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | CYP51   | 86240EA       | NA             | 201291107            |                   | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | CYP51   | 86240EP       | NA             | 11772772.7           |                   | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | CYP51   | 86240IN       | NA             | 2506/MUMNP/2012      |                   | Metalloenzyme Inhibitor Compounds | National   |
| n       | n       | y      | CYP51   | 86240JP       | NA             | 5266430              | May 10, 2013      | Metalloenzyme Inhibitor Compounds | Issued     |
| y       | n       | n      | CYP51   | 86240TW       | NA             | 100114248            |                   | Metalloenzyme Inhibitor Compounds | National   |
| n       | n       | y      | CYP51   | 86240KR       | NA             | 10-1379370           | March 24, 2014    | Metalloenzyme Inhibitor Compounds | Issued     |
| n       | n       | y      | CYP51   | 86240DIV      | NA             | 8,754,227            | June 17, 2014     | Metalloenzyme Inhibitor Compounds | Issued     |
| n       | y       | n      | CYP51   | 86240CADIV    | NA             | 2,837,400            |                   | Metalloenzyme Inhibitor Compounds | Allowed    |
| y       | n       | n      | CYP51   | 86240JPDIV    | NA             | 2013-096967          |                   | Metalloenzyme Inhibitor Compounds | Divisional |
| n       | y       | n      | CYP51   | 86666         | NA             | 13/527,402           |                   | Metalloenzyme Inhibitor Compounds | Allowed    |
| y       | n       | n      | CYP51   | 86666AU       | NA             | 2012273161           |                   | Metalloenzyme Inhibitor Compounds | National   |

| Pending | Allowed | Issued | Program | FW Matter No. | A&B Matter No. | App. No./ Patent No. | Issue Date     | Title                             | Status   |
|---------|---------|--------|---------|---------------|----------------|----------------------|----------------|-----------------------------------|----------|
| y       | n       | n      | CYP51   | 86666CA       | NA             | 2,838,909            |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666CN       | NA             | 201280039384.7       |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666EA       | NA             | 201490036            |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666EP       | NA             | 12801966.8           |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666IN       | NA             | 93/MUMNP/2014        |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666IP       | NA             | 2014-516090          |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666KR       | NA             | 10-2014-7001273      |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86666TW       | NA             | 101124177            |                | Metalloenzyme Inhibitor Compounds | National |
| n       | n       | y      | CYP51   | 86667         | NA             | 8,796,001            | August 5, 2014 | Metalloenzyme Inhibitor Compounds | Issued   |
| y       | n       | n      | CYP51   | 86667AU       | NA             | 2012273100           |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667CA       | NA             | 2,838,912            |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667CN       | NA             | 201280040415.0       |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667EA       | NA             | 201490029            |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667EP       | NA             | 12803318.0           |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667IN       | NA             | 94/MUMNP/2014        |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667IP       | NA             | 2014-517090          |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667KR       | NA             | 10-2014-7001300      |                | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51   | 86667TW       | NA             | 101124178            |                | Metalloenzyme Inhibitor Compounds | National |

| Pending | Allowed | Issued | Program | FW Matter No. | A&B Matter No. | App. No./Parent No. | Issue Date | Title                             | Status      |
|---------|---------|--------|---------|---------------|----------------|---------------------|------------|-----------------------------------|-------------|
| n       | y       | n      | CYP51   | 86674         | NA             | 13/528,319          |            | Metalloenzyme Inhibitor Compounds | Allowed     |
| y       | n       | n      | CYP51   | 86674AU       | NA             | 2012273004          |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674CA       | NA             | 2,838,916           |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674CN       | NA             | 201280040551.X      |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674EA       | NA             | 201490088           |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674EP       | NA             | 12802142.5          |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674IN       | NA             | 286/DELNP/2014      |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674JP       | NA             | 2014-517112         |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674KR       | NA             | 10-2014-7001615     |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 86674TW       | NA             | 101124179           |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671         | NA             | 14/364,276          |            | Metalloenzyme Inhibitor Compounds | US National |
| y       | n       | n      | CYP51   | 87671AU       | NA             | 2012352555          |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671BR       | NA             | 1120140139636       |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671CA       | NA             | 2,858,681           |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671CN       | NA             | 201280069217.7      |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671EA       | NA             | 201491151           |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671EP       | NA             | 12858190.7          |            | Metalloenzyme Inhibitor Compounds | National    |
| y       | n       | n      | CYP51   | 87671IN       | NA             | 1378/MUNNP/2014     |            | Metalloenzyme Inhibitor Compounds | National    |

| Pending | Allowed | Issued | Program    | FW Matter No. | ACB Matter No. | App. No./ Patent No. | Issue Date | Title                             | Status   |
|---------|---------|--------|------------|---------------|----------------|----------------------|------------|-----------------------------------|----------|
| y       | n       | n      | CYP51      | 87671JP       | NA             | A WAITING            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | CYP51      | 87671KR       | NA             | 10-2014-7019230      |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074US       | NA             | 14/373,314           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074AU       | NA             | 2013209516           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074BR       | NA             | A WAITING            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074CA       | NA             | 2,861,339            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074CN       | NA             | 201380010231.4       |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074EA       | NA             | 201491385            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074EP       | NA             | 13738427.7           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074IN       | NA             | 6792/DELNP/2014      |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074JP       | NA             | A WAITING            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90074KR       | NA             | 10-2014-7023020      |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90075US       | NA             | 14/373,304           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90075AU       | NA             | 2013209520           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90075BR       | NA             | 1120140177996        |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90075CA       | NA             | 2,861,341            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90075CL       | NA             | 01892-2014           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90075CN       | NA             | 201380010205.1       |            | Metalloenzyme Inhibitor Compounds | National |

| Pending | Allowed | Issued | Program    | FW Matter No. | A&B Matter No. | App. No./ Patent No. | Issue Date    | Title                             | Status       |
|---------|---------|--------|------------|---------------|----------------|----------------------|---------------|-----------------------------------|--------------|
| y       | n       | n      | Fungicides | 90075CO       | NA             | 14178605             |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075CR       | NA             | AWAITING             |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075EA       | NA             | 201491386            |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075EC       | NA             | IEPI-2014-14530      |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075EP       | NA             | 13739106.6           |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075IN       | NA             | 6812/DELNP/2014      |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075IL       | NA             | 233716               |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075JP       | NA             | AWAITING             |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075KR       | NA             | 10-2014-7023021      |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075MX       | NA             | MX/a/2014/008729     |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075PH       | NA             | 1-2014-501653        |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075UA       | NA             | 201409186            |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075VN       | NA             | 1-2014-02753         |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90075ZA       | NA             | 2014/06030           |               | Metalloenzyme Inhibitor Compounds | National     |
| n       | n       | y      | Fungicides | 90270US       | NA             | 8,748,461            | June 10, 2014 | Metalloenzyme Inhibitor Compounds | Issued       |
| y       | n       | n      | Fungicides | 90270CON      | NA             | 14/297,065           |               | Metalloenzyme Inhibitor Compounds | Continuation |
| y       | n       | n      | Fungicides | 90270AR       | NA             | P20120102182         |               | Metalloenzyme Inhibitor Compounds | National     |
| y       | n       | n      | Fungicides | 90270AU       | NA             | 2012273103           |               | Metalloenzyme Inhibitor Compounds | National     |



| Pending | Allowed | Issued | Program    | FW Matter No. | A&B Matter No. | App. No./ Patent No. | Issue Date | Title                             | Status   |
|---------|---------|--------|------------|---------------|----------------|----------------------|------------|-----------------------------------|----------|
| y       | n       | n      | Fungicides | 90270CA       | NA             | 2,839,691            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270ER       | NA             | 1020120151790        |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270CL       | NA             | 3638-2013            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270CN       | NA             | 201280040388.7       |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270CO       | NA             | 14007084             |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270CR       | NA             | 2014-0020            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270EA       | NA             | 201490030            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270EC       | NA             | SP-2014-13152        |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270EP       | NA             | 12802997.2           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270IN       | NA             | 288/DELNP/2014       |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270IL       | NA             | 229965               |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270JP       | NA             | 2014-516092          |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270KR       | NA             | 10-2014-7001301      |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270MX       | NA             | MX/a/2013/015158     |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270PH       | NA             | 1-2013-502623        |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270PY       | NA             | 28450/2012           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270UA       | NA             | a201400361           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90270UY       | NA             | 34145                |            | Metalloenzyme Inhibitor Compounds | National |

| Pending | Allowed | Issued | Program    | FW Matter No. | A&B Matter No. | App. No./ Patent No. | Issue Date      | Title                             | Status     |
|---------|---------|--------|------------|---------------|----------------|----------------------|-----------------|-----------------------------------|------------|
| y       | n       | n      | Fungicides | 90270VN       | NA             | 1-2014-00175         |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90270ZA       | NA             | 2014/00232           |                 | Metalloenzyme Inhibitor Compounds | National   |
| n       | n       | y      | Fungicides | 90276US       | NA             | 8,809,378            | August 19, 2014 | Metalloenzyme Inhibitor Compounds | Issued     |
| y       | n       | n      | Fungicides | 90276DIV      | NA             | 14/457,620           |                 | Metalloenzyme Inhibitor Compounds | Divisional |
| y       | n       | n      | Fungicides | 90276AR       | NA             | P20120102183         |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276AU       | NA             | 2012273166           |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276BR       | NA             | 1020120151995        |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276CA       | NA             | 2,839,769            |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276CL       | NA             | 3639-2013            |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276CN       | NA             | 201280039383.2       |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276CO       | NA             | 14006566             |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276CR       | NA             | 2014-0024            |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276EA       | NA             | 201490038            |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276EC       | NA             | SP-2014-13153        |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276EP       | NA             | 12802388.4           |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276IN       | NA             | 59/MU/MNP/2014       |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276IL       | NA             | 229966               |                 | Metalloenzyme Inhibitor Compounds | National   |
| y       | n       | n      | Fungicides | 90276JP       | NA             | 2014-516091          |                 | Metalloenzyme Inhibitor Compounds | National   |

| Pending | Allowed | Issued | Program    | FW Matter No. | ACB Matter No. | App. No./ Patent No. | Issue Date | Title                             | Status   |
|---------|---------|--------|------------|---------------|----------------|----------------------|------------|-----------------------------------|----------|
| y       | n       | n      | Fungicides | 90276KR       | NA             | 10-2014-7001294      |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276MX       | NA             | MX/a/2013/015160     |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276PH       | NA             | 1-2013-502624        |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276PY       | NA             | 28449/2012           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276UA       | NA             | a201400360           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276UV       | NA             | 34146                |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276VN       | NA             | 1-2014-00174         |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90276ZA       | NA             | 2014/00211           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277         | NA             | 13/528,283           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277AR       | NA             | P20120102236         |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277AU       | NA             | 2012273007           |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277BR       | NA             | 1020120154579        |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277CA       | NA             | 2,839,883            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277CL       | NA             | 3679-2013            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277CN       | NA             | 201280040552.4       |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277CO       | NA             | 14008727             |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277CR       | NA             | 2014-0022            |            | Metalloenzyme Inhibitor Compounds | National |
| y       | n       | n      | Fungicides | 90277EA       | NA             | 201490052            |            | Metalloenzyme Inhibitor Compounds | National |

| Pending | Allowed | Issued | Program    | FW Matter No. | A&B Matter No. | App. No./ Patent No. | Issue Date | Title                                                                                                                                 | Status      |
|---------|---------|--------|------------|---------------|----------------|----------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------|
| y       | n       | n      | Fungicides | 90277EC       | NA             | SP-2014-13159        |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277EP       | NA             | 12801805.8           |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277IN       | NA             | 84/MUMNP/2014        |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277IL       | NA             | 230051               |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277JP       | NA             | 2014-517113          |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277KR       | NA             | 10-2014-7001619      |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277MX       | NA             | MIX/a/2013/015159    |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277PH       | NA             | 1-2013-502622        |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277PY       | NA             | 29218/2012           |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277UA       | NA             | a201400523           |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277UY       | NA             | 34156                |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277VN       | NA             | 1-2014-00259         |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | Fungicides | 90277ZA       | NA             | 2014/00292           |            | Metalloenzyme Inhibitor Compounds                                                                                                     | National    |
| y       | n       | n      | CYP51      | 92366P2       | NA             | 61/955,554           |            | Antifungal Compound Process                                                                                                           | Provisional |
| n       | n       | n      | CYP51      | 92389P2       | NA             | 61/955,565           |            | Antifungal Compound Process                                                                                                           | Provisional |
| y       | n       | n      | CYP51      | 92391P2       | NA             | 61/955,661           |            | 2-(2,4-Difluorophenyl)-1,1-Difluoro-1-(5-Substituted-Pyridin-2-YL)-3-(1H-Tetrazol-1-YL)Propan-2-OLS and process for their preparation | Provisional |

| Pending | Allowed | Issued | Program      | FW Matter No. | A&B Matter No. | App. No./Patent No. | Issue Date      | Title                                                                                                                                    | Status      |
|---------|---------|--------|--------------|---------------|----------------|---------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| y       | n       | n      | CYP51        | 92392P2       | NA             | 61/955,680          |                 | 2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-1-(5-SUBSTITUTED-PYRIDIN-2-YL)-3-((1H-TETRAZOL-1-YL)PROPAN-2-OLS AND PROCESSES FOR THEIR PREPARATION | Provisional |
| y       | n       | n      | CYP51        | 92393P2       | NA             | 61/955,668          |                 | 3-AMINO-2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-1-(5-SUBSTITUTED-PYRIDIN-2-YL)PROPAN-2-OLS AND PROCESSES FOR THEIR PREPARATION               | Provisional |
| y       | n       | n      | Fungicides   | 93276WO       | NA             | PCT/US2014/039823   |                 | Fungicidal Compositions                                                                                                                  | PCT         |
| y       | n       | n      | CYP51        | 93360WO       | NA             | PCT/US2014/041984   |                 | Metalloenzyme Inhibitor Compounds                                                                                                        | PCT         |
| y       | n       | n      | CYP51        | 95003P        | NA             | 61/955,532          |                 | Antifungal Compound Process                                                                                                              | Provisional |
| y       | n       | n      | CYP51        | 95005P        | NA             | 61/955,568          |                 | Antifungal Compound Process                                                                                                              | Provisional |
| y       | n       | n      | CYP51        | 95006P        | NA             | 61/955,599          |                 | Antifungal Compound Process                                                                                                              | Provisional |
| y       | n       | n      | CYP51        | 95007P        | NA             | 61/955,615          |                 | Antifungal Compound Process                                                                                                              | Provisional |
| y       | n       | n      | CYP51        | 95009P        | NA             | 61/955,633          |                 | Antifungal Compound Process                                                                                                              | Provisional |
| y       | n       | n      | CYP51        | 95010P        | NA             | 61/955,650          |                 | Antifungal Compound Process                                                                                                              | Provisional |
| n       | n       | y      | Enzyme Class | NA            | 371744AU       | 2007323614          | January 3, 2013 | Metallo-oxidoreductase Inhibitors Using Metal                                                                                            | Issued      |

| Pending | Allowed | Issued | Program      | FW Matter No. | ACB Matter No. | App. No./ Patent No. | Issue Date     | Title                                                                                                 | Status |
|---------|---------|--------|--------------|---------------|----------------|----------------------|----------------|-------------------------------------------------------------------------------------------------------|--------|
|         |         |        |              |               |                |                      |                | Binding Moieties in Combination with Targeting Moieties                                               |        |
| n       | n       | y      | Enzyme Class | NA            | 371746DE       | DE 60 2007 031 611.1 | July 10, 2013  | Metallo-oxidoreductase Inhibitors Using Metal Binding Moieties in Combination with Targeting Moieties | Issued |
| n       | n       | y      | Enzyme Class | NA            | 371746FR       | 2086546              | July 10, 2013  | Metallo-oxidoreductase Inhibitors Using Metal Binding Moieties in Combination with Targeting Moieties | Issued |
| n       | n       | y      | Enzyme Class | NA            | 371746GB       | 2086546              | July 10, 2013  | Metallo-oxidoreductase Inhibitors Using Metal Binding Moieties in Combination with Targeting Moieties | Issued |
| n       | n       | y      | Enzyme Class | NA            | 371928         | 8,680,270            | March 25, 2014 | Metallo-oxidoreductase Inhibitors Using Metal Binding Moieties in Combination with Targeting Moieties | Issued |
| y       | n       | n      | LpxC         | 87251WO       | NA             | PCT/US2014/013204    |                | Metalloenzyme Inhibitor Compounds                                                                     | PCT    |

Executed as of the 13<sup>th</sup> day of October, 2014.

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By: William Moore

Name: William Moore

Title: President and CEO

*[Signature Page to Patent Assignment]*